

L 31050-66 EWT(m)/EWP(t)/ETI LIP(c) JD
ACC NR: AR5028230

SOURCE CODE: UR/0272/65/000/008/0135/0135

AUTHOR: Vyal'yamyae, G.; Kukk, V.; Rekhepapp, Yu.; Khaak, Kh.;
Kheynrifkhon, V.

13

B

TITLE: Some problems in the preparation and study of a mercury
selenide Hall film transmitter

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 8.32.938

REF SOURCE: Tr. Tallinsk. politekhn. in-ta, v. A., no. 213, 1964,
3-12

TOPIC TAGS: Hall effect, metal film, mercury ^{compound}, ~~mercury~~, zinc plating,
selenide, Hall transmitter

ABSTRACT: Experimental samples of mercury selenide Hall film transmitters were prepared by the vacuum process method without interruption of the vacuum during the operation. The study showed that it is advisable to make the contacts of zinc. The stability of the transmitters with zinc contacts is higher than with contacts made of silver paste. Moreover, the contacts were not previously (before the paste was applied) exposed to air. A table giving the basic parameters of HgSe transmitters and their various characteristics is also included.

SUB CODE: 2009 / SUBM DATE: none

Card 1/1

UDC 389.621.317.7:621.382.61

L 2716-66 EWT(1) IJP(c) AT/WW
ACC NR: AT6019252

SOURCE CODE: UR/2807/65/000/220/0049/0053

48

B+1

AUTHOR: Vyal'yanyae, G.; Kheyrikhsen, V.

ORG: none

TITLE: Investigation of a Hall generator whose area is partly penetrated by magnetic flux

SOURCE: Tallin Politekhnicheskiy institut, Trudy, Seriya A, no. 220, 1965. Trudy po elektrotehnike i avtomatike (Works on electrical engineering and automation) Sbornik statey, no. 3, 49-53

TOPIC TAGS: Hall generator, Hall effect

ABSTRACT: The results are briefly reported of an experimental investigation of a HgSe-film Hall generator whose area was partly penetrated by a concentrated magnetic flux. A large-area Hall plate was placed between a changeable-pole-piece electromagnet; the plate could be moved along both coordinate axes. A very high sensitivity of the generator in the area between the Hall-voltage electrodes was discovered. This sensitivity did not change when the Hall-voltage and control-current electrodes were exchanged. Curves of the Hall voltage vs. magnetic-flux position and its width are shown, as is a pattern of equipotential lines between the electrodes. Orig. art. has: 5 figures and 1 formula. [03]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 003 / ATD PRESS: 5023
Card 1/1 JS UDC: 621.382.61

KHEYNIKSEN, V.R.

Selecting optimal parameters of frequency correction devices for
units having inductive input impedance. Izm.tekh. no.9:63-64
S '65.

(MIRA 18:10)

KHEYNSAL N Yu. I.

HEINSULA, I.

General characteristics of the Karst phenomena in Estonia.

p. 337 (Moksliniai Pranesimai) Vol. 4, 1957, Vilnius, Lithuania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

VERTE, A.M.; KHEYNSALU, Yu.I. [Heinsalu, J.I.]

Studies of karst carried out by the Institute of Geology of the
Academy of Sciences of the Estonian S.S.R. Nov.kar.i spel. no.3:
83-85 '63. (MIRA 16:10)

KHEYNSALU, Yu.I., Cand Geol-Min Sci —(disc) "Kant phenomena of
the quaternary period in the Estonian SSR." Tallin, 1959.

27 pp (Acad of Sci Estonian SSR. Department of Tech and Phy-
sico-Math Sci), 150 copies (KL,30-59, 119)

- // -

KHEYNSALU, Yu. I.

HEINSALU, U.; MAKSIMOVICH, G.

A new type of hydrodynamic profile of the Estonian karst regions. In Russian.
p. 207.

EESTI LOODUS (Eesti NSV Teaduste Akadeemja) Tartu, Estonia. Vol. 8, no. 3, 1959.

Monthly List of East European Accessions (EEAI), LC, No. 4, July, 1959.
Uncl.

KHEYNSHTEYN, Ye.S., inzh.

New designs of drives for high-voltage switches. Elektro-
tekhnika 34 no.10:22-25 0 '63. (MIRA 16:11)

RAUDAM, E.I.; LUKA, V.Ya.; PAYMRE, R.I, [Paimre, R.]; KHEYNSCO, E.K.
[Heiusco, E.]; VERNIK, A.Ya.

Diagnosis of intervertebral disk protrusion. Zhur. nevr.i psikh.
60 no.10:1259-1267 '60. (MIRA 14:1)

1. Kafedra nevrologii Tartuskogo gosudarstvennogo universiteta i
Tartuskaia respublikanskaya klinicheskaya bol'nitsa.
(INTERVERTEBRAL DISK---DISLOCATION)

KHEINSOO, J.

USSR

Cultivated Plants. Commercial. Gluciferous.
Sugar-Bearing.
ARS. JOUR.: Ref. Zbir.-Biolgiya, No. 5, 1959, No. 20423

AUTHOR : Heinsoo, J.
INST. : Estonian Agric. Acad.
TITLE : Sugar Beet Sowing Periods

ORIG. PUB.: Pesti Poliumsj. Akad. teaduslike tööde
kogumik, 3b, neuvohn. tr. 1st. s.-kh. skad.,
1957, 3, 74-84

ABSTRACT : In 1953, 1954 and 1956 at the training farm
(uchichoz) of the Estonian Agricultural Acad-
emy field tests were conducted in a study of
the sowing times for sugar beets. The first
planting was made at the earliest possible
time for processing the soil, the last in
three weeks. The optimum sugar beet planting
period in Estonian SSR is the earliest. Re-
tarding the sowing 3 weeks lowered the root
yield by 94.59 cwt/ha and the sugar produced:

CARD: 1/3

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722010016-

Cultivated Plants

ARS. JOUR.: Ref. Zbir.-Biolgiya, No. 5, 1959, No. 20423

AUTHOR :
INST. :
TITLE :

ORIG. PUB.:

ABSTRACT : by 16.83 centners per hectare. The yield of
tops varied little. Despite the fact that
the shoots appeared more rapidly and the
initial growth proceeded more intensively with
late sowing, at the end of vegetation root
growth from the later planting was far behind.
When planted later the vegetation period of
sugar beets is shortened, whereas the period
of most intensive growth occurs at the second
half of the summer and in the autumn, when

CARD : 2/3

KHEYNSOO Yu

COUNTRY : USSR
SUBJECAT : Cultivated Plants, Commercial, Oleiferous.
Sugar-Bearing.
JRS. JOURN : Ref Zhar-Biologiya, No. 5, 1959, No. 20425
Author : Hainsoo, J.
INST. : Estonian Agric. Acad.
TITLE : Sugar Beet Growth Dynamics

ORG. PUB. : Sb. nauchn. tr. Est. s.-kh. akad., 1957, 3,
85-94

ABSTRACT : Through a number of years which have differed
in meteorological conditions (1953-1956)
with stable agronomic conditions, field tests
were conducted with sugar beets. The experi-
mental results reflect the relation between
sugar beet growth (growth dynamics of the
tops, roots, root saccharinity) on weather
conditions. A comparison is drawn between
growth dynamics under typical meteorological
conditions found in Estonia and the Ukrai-
nian SSR.

CARD : 1/1

149

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722010016-

KHEYNSOO, Yu.Yu., Cand Agr Sci -(diss) "On the dynamics of the
growth, periods of ~~sowing~~, ^{Agri} and ~~method~~ of cultivation of sugar
beet in the Estonian SSR." Tartu, 1959. 24 pp with graphs
(Acad of Sci Estonian SSR. Department of Biol and Med Sci),
160 copies. (KL, 29-59, 130)

KHEYNSON, M.R.

Effect of utilizing the historical discharge in determining calculated
maximums. Meteor. i gidrol. no. 7:32-34 Jl '56. (MLRA 9:10)
(Stream measurements)

KHEYNSOV, E.K.

131. Diagnosis of Myelomatosis

"Concerning the Diagnosis of Myelomatosis," by E. K. Kheysov,
Neurology Clinic (head, Docent E. I. Raudam), Tartu University,
on the base of Tartu Republic Clinical Hospital, Vestnik
Rentgenologii i Radiologii, Vol 31, No 3, May/Jun 56, pp 76-81

A rather detailed clinical history of four patients suffering from myelomatosis is given. The author's observations indicate that myelomatosis may take on the form of either a diffuse process or a diffuse process plus focal inflammations; therefore, X-ray examination of the entire skeletal system is necessary. In addition to X rays all the other complex methods of study, such as blood studies, objective observations, and aspiration biopsies, should be used.

Sum. 1305

L 26378-66 ENT(1)/T IJP(c) GW

ACQ NR: AP6007686

(A)

SOURCE CODE: UR/0413/66/000/003/0067/0067

AUTHORS: Sheler, Khorst; Vaybrecht, Otto; Kheyrot, Aleksander; Khartvig, Khorst

44

ORG: none

43

TITLE: Device for differential transformation of aerial photographs. Class 42,
No. 178506

70

SOURCE: Izobreteniya, promyshlennyye obraztsy, tvaryarnyye znaki, no. 3, 1966, 67

TOPIC TAGS: aerial photography, optics, aerial photograph, photographic device

ABSTRACT: This Author Certificate presents a device for differential transforming of aerial photographs. The device is used in conjunction with a photogrammetric device for processing aerial photographs. It contains an inverstor which acts on the basic law of optics, and a photograph support and screen which may be positioned relative to one another in three mutually perpendicular planes. Accuracy in scaling is facilitated by the inverstor which features a reduction device for control of the coefficient of aerophoto transformation with allowance made for focal distance. This distance corresponds to the transform coordinates of the current point of aerophoto slope on the horizontal aerial photograph. The inverstor

UDC: 528.722.31

Card 1/2

L 26378-66

ACQ NR: AP6007686

is made in the form of directional-controlled rods and connecting links attached to each rod, thus allowing rotation about the X-X axis and intersection of the directional at a point on the X-X axis. Electrical control of the coefficient of transformation is maintained by an electrometer circuit controlling the variation of distance from the objective to the photo and from the objective to the screen. This is an electrical bridge circuit for processing data coming from the photogrammetric device.

1
SUB CODE: 14/ SUBM DATE: 21Nov63

Card 2/2 CC

KHE~~Y~~ROV, M.B.; NADATOV, E.Kh.

X-ray study of clays of the Akchagyl stage in the eastern part
of the Kura Lowland. Azerb. neft. khoz. 38 no.6:4-7 Je '59.

(MIRA 12:10)

(Kura Lowland--Clay) (X-rays--Industrial applications)

S/124/62/000/003/050/052
D237/D302

AUTHOR: Kheysin, D.Ye.

TITLE: Determining external forces acting on the hull of a ship during compression of ice

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1962, 56,
abstract 3V401 (Sb. Probl. Arktiki i Antarktiki, no.
7, L., Morsk, transport, 1961, 25 - 31)

TEXT: Formulas are proposed for external forces acting on the hull of a ship in an ice-field. According to Yu.A. Shimanskiy (Tr. Arkt. n-i, in-ta, 1938, 130) it is accepted that the calculated loads will be sufficient to break the ice sheets. It is also assumed that the ice-breakers break the ice by bending, while transport ships break it by compression. Engineering equations given for the two above cases, are based on existing elementary formulas and on experimental data on ice-breakers and ice-breaker transports.
[Abstractor's note: Complete translation].

Card 1/1

KHEYGIN, D.Ye.

Determination of contact stresses during the impact of the stem
of the ship against ice. Probl. Arkt. i Antarkt. no.8:67-74
'61. (MIRA 15:3)

(Ships) (Ice on rivers, lakes, etc.)

24.42.00

S/179/62/000/001/011/027
E114/E181

AUTHOR: Kheysin, D.Ye. (Leningrad)

TITLE: Transient oscillation of an infinite, elastic plate floating on the surface of an ideal fluid

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye, no.1, 1962, 87-90

TEXT: Equations are established for an infinite, thin, isotropic plate of constant thickness floating on the surface of an ideal fluid of a certain depth. An impulse is applied to the plate and by means of Fourier transformations equations are derived for its subsequent behaviour. By applying the normal bending formulae and using Bessel functions and the Percival integral, a solution is obtained for a single impact. By adding solutions for a series of impulses, an equation is obtained for the plate when it is subjected to a concentrated force, acting on the plate for a period of time. This solution contains two terms. One is the static deflection and the other, a function

Card 1/2

✓B

Transient oscillation of an ...

S/179/62/000/001/011/027
E114/E181

of time, is the correction term which varies between the limits of zero and the static deflection. The basic formula is applied to the behaviour of the plate when the force ceases to act, e.g. after a sudden removal of the load from the deflected plate. An equation is derived for a prismatic beam supported on elastic, inertialess supports of the hydraulic type, acted upon by an impulse or a concentrated force. The equations and methods of approach to a prismatic beam are of a form similar to that for a plate.

SUBMITTED: April 18, 1961

Card 2/2

KHEYSEN, D.Ye., inzh.

Flexure of a rigid plate of infinite length under the effect of
local loading. Sudostroenie 28 no.4:15-16 Ap '62. (MIRA 15:4)
(Flexure) (Hulls (Naval architecture))

KHEYGIN, D.Ye. (Leningrad)

Load displacement along an elastic plate floating on the surface
of an ideal fluid. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr.
no.1:178-180 Ja.-F '63.

(MIRA 16:2)

(Elastic plates and shells)

KHEYSIN, D.Ye.

Vibrations of a floating ice cover. Probl. Arkt. i Antarkt.
no.12:107-112 '63. (Ice) (MIRA 16:7)

KHEYGIN, D.Ye.

Propagation of long gravity waves in the sea covered with pancake
ice. Probl.Arkt.i Antark. no.14:61-66 '63. (MIRA 16:12)

KHEYGIN, D. Ye.

Elastic-plastic bending of an ice cover. Trudy ANTI 267:14,3-14,9
'64 (MIRA 18:1)

ACC NR: AP6015696

SOURCE CODE: UR/0413/66/000/009/0095/0095

INVENTOR: Sytinskiy, A. D.; Tripol'nikov, V. P.; Kheysin, D. Ye.

ORG: None

TITLE: A method for determining the physical and mechanical constants of ice under natural conditions. Class 42, No.181350

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 95

TOPIC TAGS: ice, solid physical property, solid mechanical property, wave propagation

ABSTRACT: This Author's Certificate introduces: 1. A method for determining the physical and mechanical constants of ice under natural conditions from the frequency and rate of propagation of flexural gravity waves set up in given sections of an ice field. The accuracy and safety of the measurements are improved by using the pressure of a moving jet of air for setting up the flexural gravity waves. 2. A modified helicopter flying above the given section.

SUB CODE: 20, 08/ SUBM DATE: 21Aug63

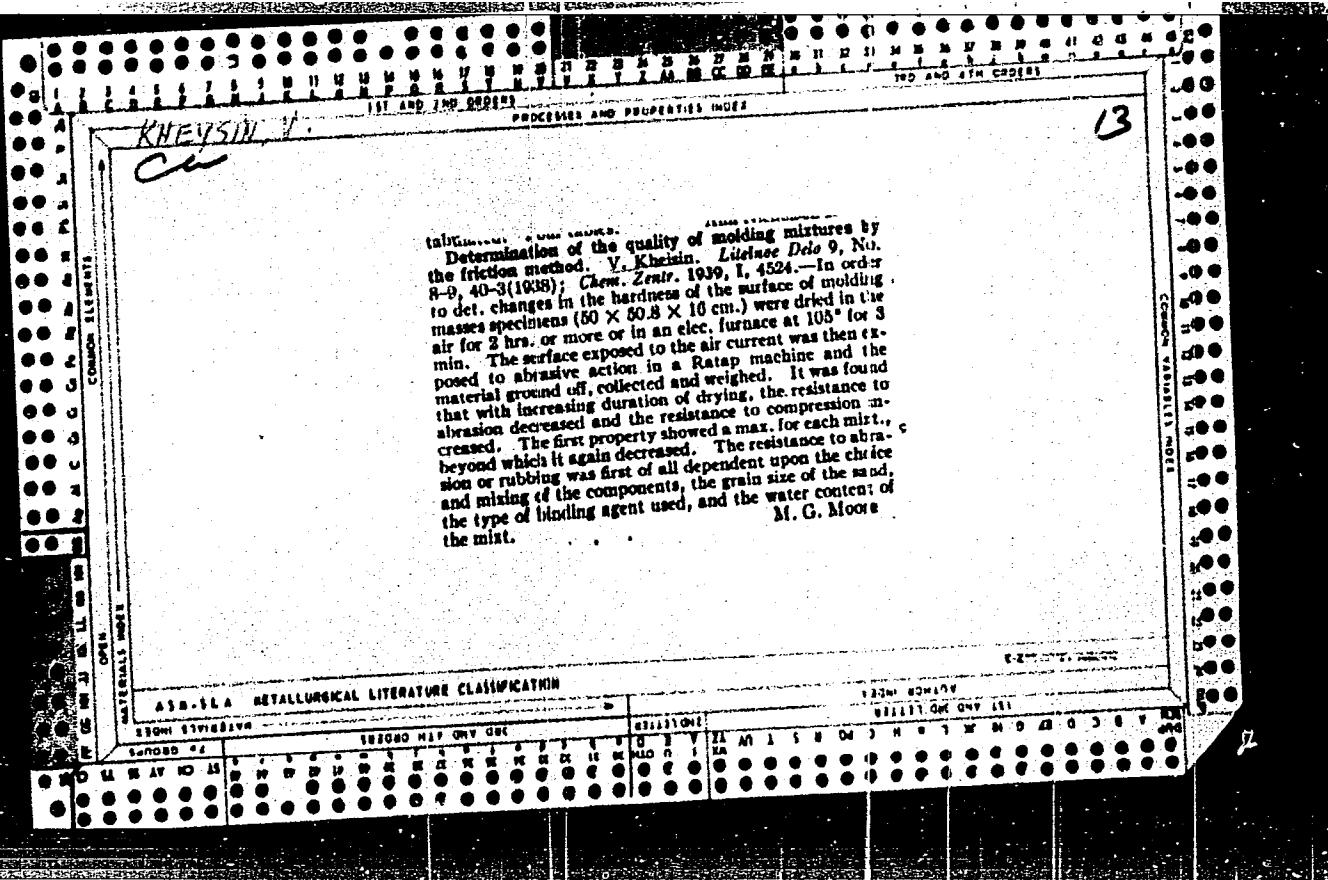
Card 1/1

UDC: 551.321.63

KHEYGIN, G. M.

Klassifikatsiya grupp poryadka $P^2 Q^2$. IAN. Ser. Matem., 4 (1940), 535-551.

SO: Mathematics in the USSR, 1917-1947.
edited by Jurosh, A. G.,
Markushevich, A. L.
Rashevskiy, P. K.
Moscow-Leningrad, 1948



ACC NR: AR6022393

(N)

SOURCE CODE: UR/0398/66/000/003/V010/V010

AUTHOR: Kheysin, V. Ye.

TITLE: Static characteristic of the propeller-engine-ship complex

SOURCE: Ref. zh. Vodnyy transport, Abs. 3v74

REF SOURCE: Tr. Tsentr. n.-i. in-ta morsk. flota, vyp. 62, 1965, 82-88

TOPIC TAGS: shipbuilding engineering, marine engine, propulsion device, cargo ship, ship component, static test

ABSTRACT: The universal characteristic of the propeller-engine-ship complex is presented in the form of two standards, $V = c_1 \cdot n$, and $N_e = c_2 \cdot n^3$, with a pitch ratio correction for the propeller for various drafts of the ship's hull, where V is underway speed for the ship, N_e - engine horsepower, n - propeller shaft rpm, c_1 and c_2 are the coefficients

$$c_1 = \frac{\lambda_p \cdot D}{0.515(1-\omega)}$$
$$c_2 = k_2 \cdot \rho \cdot D^4$$

where D - is propeller diameter, ω - the wake factor, λ_p - the advance coefficient, k_2 - the moment coefficient, ρ - the water density. These standards make it possible

Card 1/2

UDC: 629.12.03

ACC NR: AR6022393

to determine ship's speed, horsepower, and propeller shaft rpm with change in displacement for various types of engines, and to find the optimum pitch correction for a constant programmed relationship between fuel supply and propeller pitch. 6 figures. Bibliography of 2 titles. [Translation of abstract]

SUB CODE: 13.

Card 2/2

KHEYSIN, V.Ye.

Static characteristics of the complex propeller - engine - ship.
Trudy TSNIIMF no. 65: 82-88 "65" (MIRA 18:12)

KUHEYSEN V. 7
K. S. I. povakaya
A. A. Arbusov, and V. Z. Kleban. *Lidino Prosvet*,
1954, No. 12, p. 6. Good results were obtained with a core
binder made of 40 weight parts of pitch, 40 parts of conc.
sulfite liquor, and 20 parts of clay ground to 40 mesh. The
nature of pitch is immaterial, provided it has a m.p. of 80°C
min. About 5% of the binder is added to the sand, resulting
in cores having a tensile strength of at least 8 kg./sq. mm.

J. D. Gat

DOGEL', Valentin Aleksandrovich; POLYANSKIY, Yu.I., prof.; KHEYSEN,
Ye.M., prof.; PETROVICHEVA, O.L., red.; YELIZANOVA, N.A.,
tekhn. red.

[General parasitology]Obshchaya parazitologiya. Perer. i dop.
Iu.I.Polianiskim i E.M.Kheisnym. Leningrad, Izd-vo Leningr. univ.,
1962. 463 p. (MIRA 16:1)

1. Leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova
(for Polyanskiy, Kheysin). (Parasitology)

DOGEL', Valentin Aleksandrovich; POLYANSKIY, Yuriy Ivanovich; KHEYSIN,
Yevgeniy Mineyevich; PUKHAL'SKAYA, L.F., red. Izd-va;
SMIRNOVA, A.V., tekhn. red.

[General protozoology] Obshchaya protozoologiya. Moskva, Izd-vo
Akad. nauk SSSR, 1962, 591 p. (MIRA 16:2)
(Protozoology)

KHEYGIN, Yevgeniy Mineyevich, prof.; MARKOV, N.G., red.; MAKHOVA, N.N.,
tekhn. red.

[Concise guide to freshwater fauna] Kratkii opredelitel' presno-
vodnoi fauny. Izd.2., ispr. i dop. Moskva, Uchpedgiz, 1962.
147 p.

(MIRA 16:1)

(Freshwater fauna)

KHEYSIN, E.M.

RT-1234 (Influence of external factors upon the development cycles of the simplest parasites) Vliianie vnenikh faktorov na tsikly razvitiia paraziticheskikh UCHENYE ZAPISKI LENINGRADSKOGO GOSUDARSTVENNOGO UNIVERSITETA. SERIIA BIOLOGICHESKAIA, 3(4): 41-52, 1937.

KHEYSEN, Ye. M.

"Duration of Life-Cycle in Rabbit Coccidia," Dok. AN, 52, No. 6, 1946

KHEY SIN, E. M.

PA 20132

USSR/Medicine - Filariae
Medicine - Intestines, Parasites

Jan 1947

"New Species of Coccidia in Rabbits (*Eimeria Coccicola n sp.*)," E. M. Khoysin, 3 pp

"Dok Ak Nauk SSSR" Vol IV, No 2

Submitted by K. I. Skryabinin of the Leningrad Pedagogical Institute imeni Gertsen. During experiments on hereditary in house rabbits infected with *Eimeria magna* and *Eimeria media* a new oocyst of length 31.9 and width 18.6 was discovered. This was called *Eimeria coccicola*.

20132

KHEYSIN, Ye. M.

Rabbits - Diseases

Development of two intestinal coccidia of the rabbit--*Elmeria piriformis* Kotlan and Pospesch, and *Elmeria intestinalis* nom. nov., Uch. zap. Kar. - Fin. un., 3, No. 3, 1948.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

MEYSEN, YE.M.

Parasites.

Regularity of distribution of parasitic infusoria Astomata in hosts. Uch.zap.
Ped. inst. Gerts. 70, 1948.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED

KHEYSIN, YE. M.

Sporozoa

Role of moles in spreading monocystidae of earthworms. Uch.zap. Ped. inst. Gerts., 70, 1948.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

KHEYSIN, YE. M.

Science

Short guide to fresh-water fauna, Leningrad, Gos. Uchebno-pedagog., izd-vo, 1951.

1

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED

KHEYSIN, YE. M.

Infusoria

Pulsation tempo of the contractile vacuole in parasitic infusoria as modified by conditions of habitat of the host., Zool. zhur. no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1952 ^{XXX} 1952 Uncl.

KHEYSIN, Ye. M.

"The Effect of Temperature and Humidity on the Behavior of Adult Ixodes Persulcatus," Zool. zhur., 32, No.1, pp. 77-87, 1953

Chair of Zool of Invertebrates, Karelo-Finnish State U.

This article deals with research conducted in the Karelo-Finnish SSR on the effects of the environment^s on certain species of ticks found in this area and in some parts of the Far Eastern USSR. Observations revealed that the ticks manifest their utmost activity and attack man and animals at low temps ranging from 2° to 16-18° C., over 20° their activity lessens. Humidity has apparently little effect on the ticks, except at temps over 20°. The life cycle of ticks has been detd tentatively at one year. They usually die in July.

256T2

LUTTA, A.S.; KHEYSIN, Ye.M.

Data concerning the role of different species of ticks in
spreading babesiosis in the North. Zool. zhur. 33 no.1:65-68
Ja-F '54. (MLRA 7:2)

1. Parazitologicheskaya laboratoriya Instituta biologii Karelo-
Finskogo filiala Akademii nauk SSSR i kafedra zoologii besposvo-
nochnykh Karelo-Finskogo gosudarstvennogo universiteta.
(Ticks as carriers of disease)

SHAPIRO, Isaak Davidovich; KHMYGIN, Yevgeniy Mineyevich; MATEJKO, L.,
redaktor; POD'YEL'SKAYA, X., tekhnicheskly redaktor

[What you should know about corn pests] Chto nado znat' o vredite-
liakh kukuruzy. Petrozavoda, Gos. izd-vo Karel'skoi ASSR, 1956.
29 p.

(MIRA 10:3)

(Corn (Maize)--Diseases and pests)

COUNTRY : USSR
 CATEGORY : General Biology.
 ABS. JOUR. : Physical and Chemical Biology.
 ABS. JOUR. : RZhBiol., No. 5, 1959, No. 18978 B
 AUTHOR : Kheysin, Ye. M.; Khenokh, M. A.
 INST. :
 TITLE : The Effect of Ultrasonic Waves upon the Oocysts of Coccidia in Rabbits.
 ORIG. PUB. : Biofizika, 1956, 1, No 8, 721-728
 ABSTRACT : Oocysts of a rabbit's coccidia (*Eimeria magna*, *E. irridescens*, *E. media*, *E. intestinalis*, *E. perforans*), which were suspended in distilled water forming a suspension with the rabbit's excrements were subjected to ultrasonic sound. Each of the series consisted of 1500-5000 oocysts. The frequency of the US (ultrasonic sound) amounted to 435 kg hertz, the temperature to 18°. Control and experimental oocysts were transferred into a potassium bichromate solution.

CARD:

1/4 Zoology Inst. AS USSR
Natural Sciences Inst. im P. F. Leesgaff.

CATEGORY :
 ABS. JOUR. : RZhBiol., No. 5, 1959, No.
 ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :

ORIG. PUB. :
 ORIG. PUB. :
 ABSTRACT : If ultrasonic sound lasts for 5-30 sec, up 60 percent of oocysts become destroyed, when it lasts for 1-30 min, 95-99 percent. rupture of membranes begins in the micropy region where their thickness is smallest. sensitivity of oocysts which are suspended in distilled water is greater than of oocysts which form a suspension with excrements. particles probably impede the US' mechanic influence upon oocysts. If a 60-sec last sound was used, 50 percent of oocysts whi

KHEYSEN, Ye. M.; KUZNETSOVA, T.K.

Frost resistance of the eggs, larvae, and adult ticks of
Ixodes ricinus L. and Ixodes persulcatus P. Sch. Trudy
Kar.-Fin. fil. AN SSSR no.4:116-130 '56.

(MERA 10:2)

(Ticks) (Cold--Physiological effect)

KHEYGIN, Ye.M.; LAVRENNENKO, L.Ye.

Duration of bloodsucking and the daily rhythm of feeding and falling-off of females of Ixodes ricinus [with English summary in insert]. Zool. zhur. 35 no.3:379-383 Mr '56. (MIRA 9:7)

1.Kafedra zoologii bespozvonochnykh Karelo-Pinskogo gosudarstvennogo universiteta. (Ticks)

KHEYGIN, Ye.M.

The taxonomy of the Sporozoa (type Protozoa) [with English summary
in insert]. Zool. zhur. 35 no.9:1281-1298 S '56. (MIRA 9:12)

1. Kafedra zoologii besporvonoshnykh Leningradskogo gosudarstvenno-
go universiteta imeni A.A.Zhdanova.
(Sporozoa)

KHEYSIN, YE. M.

USSR/Zooparasitology - General Problems.

G-1

Abs Jour : Ref Zhur - Biol., No 6, 1958, 24314

Author : Zasukhin, D.N., Kheysin, E.M.

Inst : -

Title : Parasitic Protozoa of Laboratory Animals (Review).

Orig Pub : Tr. In-ta zool. AN KazSSR, 1957, 7, 241-251

Abstract : A list of parasitic protozoa of guinea pigs, rabbits, house mice, rats, small susliks, dogs, cats, chickens, siskins identified in the USSR and abroad.
Bibliography 65 references.

Card 1/1

KHEYSIN, YE. M.

APPROVED FOR RELEASE: 09/17/2001 BY KHEYSIN, YE. M. CIA-RDP86-00513R000722010016-2

An eminent Soviet protozoologist. Priroda 46 no.9:68-70 S '57.
(MLRA 10:8)

1. Leningradskoy gosudarstvennyy universitet im. A.A. Zhdanova
(for Polyanskiy). 2. Institut tsitologii Akademii nauk SSSR,
Leningrad (for Kheysin).
(Dogel', Valentin Aleksandrovich, 1882-1955)

Country	: USSR	G
Category	Zooparasitology - Parasitic Protozoa	
Abs. Jour	Ref Zhur - Biol., No.19, 1958, 86250	
Author	Kheysin, Ye.M.	
Institut.	Leningrad University	
Title	Mutability of the Oocysts of <i>Eimeria intestinalis</i> Neissin, 1940 - a Parasite of the Domestic Rabbit	
Orig Pub.	Vestn. Leningr. Un-ta, 1957, No.9, 45-52	
Abstract	The oocysts of coccidia obtained from rabbits infected with a single pyriform oocyst of <i>E. intestinalis</i> were used to infect other rabbits. Studies were made of the mutations of the oocysts isolated from all the infected rabbits. The sizes of the oocysts varied in different rabbits within the following limits: length - 17.5 to 36.4 microns, width - 13.7 to 21.9 microns. The index of the shape of the oocysts (ratio of length to width) varied from 1.1 to 2.1. Sizes of the residual bodies of the oocysts were 2.5 to 9.9 microns, of the residual bodies of the spores 1.2 to 6.2 microns. With poor invasion of the rabbits, the oocysts have a more	
Card:	1/2	

USSR/Zooparasitology. Parasitic Protozoa. Sporozoa. G

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103951

Author : Kheysin, Ye. M.

Inst : Leningrad Society of Natural Scientists

Title : Topological Differences of Related Species of Coccidia of the Domestic Rabbit (*Oryctolagus cuniculus* L.).

Orig Pub: Tr. Leningr. o-va yestest voispyt., 1957, 73
No 4, 150-158

Abstract: Endogenous stages of development of different species of rabbit coccidia possess different localizations along the intestinal tract. Thus, in *Eimeria media* it is in the duodenum and upper part of the jejunum; for *E. irresidua*, mainly the upper part of the jejunum; for *E. perforans*, the middle portion of the small intestine; for

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APPROVED FOR RELEASE Page 1 of 2001 Parasitic Protozoa. Sporozoa. G CIA-RDP86-00513R000722010016-2

Abs Jour: Ref. Zhur -Biol., No 23, 1958, No 103951

E. magna, the ileum and lower portion of the jejunum; for *E. intestinalis*, the ileum (gamogenes is carried on in the cecum also in this species as well as in the appendix and ascending colon). In *E. coecicola*, schizogony is observed in the lower part of the small intestine; gamogenesis, chiefly in the appendix. The endogenous stages of *E. neoleporis* are localized mainly in the appendix; of *E. pyriformis*, in the large intestine, cecum and appendix. Even when localized in the same portion of the intestine the endogenous stages of the different species of coccidia are usually arranged differently in the epithelium and connective tissue of the intestine. In this case, the localizations along the length of the villi are often

Card 2/3

KMEYSIN, Ya M. (Leningrad) Institute of Cytology, USSR Academy of Sciences

"Cytochemical Investigations of Different Stages of the Life Cycle of
Coccidia of the Rabbit"

Soviet paper presented at the 15th Intl. Congress of Zoology, London, 16-23 Jul 58

MURATOV, Ye.A.; KHEYSIN, Ye.M.

Some data on the development of *Piroplasma bigeminum* in
Ixodes scapularis ticks. Dokl.AN Tadzh.SSR 1 no.4:47-50 '58.
(MIRA 13:4)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR i
institut tsitologii AN SSSR. Predstavлено chlenom-korrespondentom
AN Tadzhikskoy SSR M.N.Narzikulovym.
'Piroplasmosis' (Parasites--Ticks)

KHEY SIN, E. M. and MURATOV, E. A.

"Certain Data on the Structure, Life Cycle and Systematic State of
Prioplasmidae (piroplasmidae-babesiidae)."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Institute of Cytology of the USSR Academy of Sciences, Leningrad, and
Institute of Zoology and Parasitology of the Tadzhik Academy of Sciences,
Stalinabad

MURATOV, Ye.A.; KHEY SIN, Ye.M.

Discovery of Crithidia hyalommae O'Farrel in the ticks
Hyalomma detritum and H.anatolicum in Tajikistan. Dokl.AN
Tadzh.SSR 2 no.1:33-37 '59. (MIRA 13:4)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR i
Institut tsitologii AN SSSR. Predstavлено chlenom-korrespon-
dentom AN Tadzhikskoy SSR M.N.Narsikulovym.
(Tajikistan--Flagellata) (Parasites--Ticks)

KHNEYSIN, Ye. M. i. MURATOV, Ye. A.

Detection of clavate stages in the development of *Piroplasma bigeminum* in the tick *Ixodes scapularis*. Dokl. AN Tadzh. SSR 2 no.2:55-58 '59. (MIIA 13:4)

1. Institut tsitologii AN SSSR i Institut zoologii i parazitologii AN Tadzhikskoy SSR. Predstavleno chlenom-korrespondentom AN Tadzhikskoy SSR M. N. Marzikulovym.
(*Piroplasma*) (Parasites--Ticks)

MURATOV, Ye.A.; KHEYGIN, Ye.M.

Development of *Piroplasma bigeminum* in the tick *Boophilus calcarius*. Zool. zhur. 38 no.7:970-986 J1 '59. (MIRA 12:10)

1. Institute of Zoology and Parasitology, Academy of Sciences of the Tadzhik SSR (Stalinabad) and Institute of Cytology, Academy of Sciences of the U.S.S.R. (Leningrad).
(Piroplasmosis) (Ticks as carriers of disease)

XHEYSIN, Ye.M.

Observations on residual bodies of oocysts and spores in some species of *Eimeria* isolated from the rabbit and *Isospora* from the fox, polecat, and hedgehog. Zool.zhur. 38 no.12:1776-1784 D '59. (MIRA 13:5)

1. Laboratory of Protistology, Institute of Cytology, Academy of Sciences of the U.S.S.R., and Chair of Invertebrate Zoology. Leningrad State University, Leningrad.
(Coccidiosis)

KHNEYSIN, Ye.M.; ZAIKA, V.Ye.

Coccidia species parasitic in carp. Vop. ikht. no.15:193-
202 '60. (MIRA 13:9)

1. Kafedra zoologii bespoveryonochnykh Leningradskogo gosudar-
stvennogo universiteta.
(Coccidiosis) (Carp--Diseases and pests)

NAVASHIN, M.S.; PARIBOK, V.P.; POLYANSKIY, Yu.I.; RUMYANTSEV, P.P.; SVETLOV,
P.G.; KHEYSIN, Ye.M.

"The cell, biochemistry, physiology, morphology." Edited by J.Brachet,
A.Mirsky. Reviewed by M.S.Navashin and others. TSitologija 2 no.2:
254-258 Mr-Ap '60. (MIRA 14:5)
(CELLS) (BRACHET, J.) (MIRSKY, A.)

KHEYSEN, E.M.

"Modern Trends in Soviet Protozoology."

Report presented at the 1st International Conference on Protozoology,
Prague, 22-31 Aug 1961.

KHEYGIN Ye. M. & MOSEVICH T. N. (LENINGRAD)

"Electron microscope study of Colpidium colpoda."

Report presented at the 13th Annual meeting and 1st International Conference
of Society of Protozoologists, Prague, 22-31 Aug 61

KUZNETSOV, G.S., prof., otv. red.; BOCHAROV, I.A., prof., red.; VOKKEN, G.G., prof., red.; TSION, R.A., prof., red.; DMITROCHENKO, A.P., prof., red.; SINEV, A.V., prof., red.; FEDOTOV, B.N., prof., red.; CHERNYAK, V.Z., prof., red. Prinimali uchastiye: NIKOL'SKIY, S.N., prof., red.; KHEY SIN, Ya.M., prof., red.; GUSEV, V.F., dots., red.; KOLABSKIY, N.A., dots., red.

[Papers presented at the Conference on Protozoological Problems Dedicated to the 90th Anniversary of the Birth of Professor V.L. IAkimov] Sbornik rabot Nauchnoi konferentsii po protozoologicheskim problemam, posviashchennaya 90-letiju so dnia rozhdeniya professora V.L.IAkimova. Leningrad, 1961. 292 p. (MIRA 15:6)

1. Nauchnaya konferentsiya po protozoologicheskim problemam, posvyashchennaya 90-letiyu so dnya rozhdeniya professora V.L. Yakimova.
2. Stavropol'skiy sel'skokhozyaystvennyy institut (for Nikol'skiy).
3. Institut tsitologii Akademii nauk SSSR (for Kheysin). 4. Lenogradskiy veterinarnyy institut (for Kolabskiy).

(Protozoology—Congresses)

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Some data on electron microscopic study of merozoites of *Eimeria*
intestinalis from the intestines of a rabbit. *TSitologija* 3
no. 1:34-39 Ja-F '64, (MIRA 14:2)

1. Laboratoriya mikroskopii Instituta tsitologii AN SSSR,
Leningrad.
(COCCIDIOSIS) (ELECTRON MICROSCOPY)

KHEYSIN, Ye.M.; SHUL'MAN, S.S.; VINYICHENKO, L.P.

Structure of Myxobolus spores. Tzitologija no.6:662-667 N-D '61.
(MIRA 14:12)

1. Laboratoriya mikroskopii Instituta tsitologii AN SSSR i Laboratoriya
parazitologii Zoologicheskogo instituta AN SSSR, Leningrad.
(PROTOZOA, PATHOGENIC)

KHEYGIN, Yevgeniy Mineyevich, prof.; MARKOV, N.G., red.; MAKHOVA,
N.N., tekhn. red.

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Uchpedgiz, 1962. 147 p. (MIRA 15:8)
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HEISIN, E.M. [Kheysin, Ye.M.]

Main directions of Soviet protozoology in connection with the decisions
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1. Institute of Cytology, U.S.S.R. Academy of Sciences, Leningrad.
(Protozoa)

POLYANSKIY, Yu.I.; KHEYSIN, Ye.M.

Some observations on the development of Babesielia bovis in a
carrier tick. Trudy Kar.fil.AN SSSR no.14:5-13 '59.

(Karelia--Babesielia) (Ticks as carriers of disease) (MIRA 15:12)

LUTTA, A.S.; KHEYSIN, Ye.M.; SHUL'MAN, R.Ye.

Distribution of ixodid ticks in Karelia. Trudy Kar.fil.AN SSSR
no.14:72-83 '59. (MIRA 15:12)
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KHEYSEN, Ye. M.

"Ultrastructural Organization of the Fibrillar Apparatus of Infusoria."
pp. 81

Institute of Cytology AS USSR Laboratory of Microscopy

II Nauchnaya Konferentsiya Institutologii AN SSSR. Tezisy Dokladov (Second Scientific Conference of the Institute of Cytology of the Academy of Sciences USSR, Abstracts of Reports), Leningrad, 1962, 88 pp.

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of *Paramecium caudatum*. Sbor. rab. Inst. fit. no. 3:9-14
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Mesnilella fastigata (Ciliata, Astomata). Ibid. 15-17

1. Laboratoriya mikroskopii Instituta tsitologii AN
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uchastiye: BUKHMAN, M.P.; KUDRYAVTSEV, B.N.

Photocytometric study by the ultraviolet ray method of the
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1. Laboratoriya mikroskopii Instituta tsitologii AN SSSR.

KHEYGIN, Ye.M.

Variations in endoplasmic reticulum and mitochondria of protozoa
in relation to the character of their metabolism.

Report to be submitted for the 16th International Zoology Congress
Washington, D.C., 29-27 Aug 63

KHEYSIN, Ye. M.

"The taxonomy of Piroplasmida and the peculiarities of their development in vertebrate and invertebrate hosts."

Report submitted for 1st Intl Cong, Parasitology, Rome, 21-26 Sep 1964.

Inst of Cytology, Macklin Ave. 32, Leningrad F-121.

KHEYGIN, Ye.M.

Electron microscopic study of microgametes in *Eimeria intestinalis* (Sporezpa, Coccidiida). Zool. Zhur. 43 no. 58547-651 '64
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1. Laboratoriya mikroskopii Instituta tsitologii AN SSSR,
Leningrad.

POLYANSKIY, Yu.I.; KHEYSIN, Ye.M.

Controversial problems in developing a Protozoa system. Report
No.2: Systematics of the classes Sarcodina, Sporozoa, Ciliophora.
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1. Institut tsitologii AN SSSR, Leningrad.

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prof., red.

[Coccidia of rodents of the U.S.S.R.] Koktsidii gryzunov
SSSR. Baku, Izd-vo AN Azerb.SSR, 1965. 153 p.
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BRUMBERG, Ye.M.; VAKHTIN, Yu.B.; VINNIKOV, Ya.A.;
GAYTSKHOKI, V.S.; GOROSHCHENKO, Yu.L.; GULYAYEV, V.A.;
ZHINKIN, L.N.; ZAVARZIN, A.A.; ZALKIND, S.Ya.; ZBARSKIY,
I.B.; KATSNEL'SON, Z.S.; KONISSARCHIK, Ya.Yu.; LEVIN, S.V.;
MARAKHOVA, I.I.; MASHANSKIY, V.F.; MOSEVICH, T.N.; NIKOL'SKIY,
N.N.; PESHKOV, M.A.; POLENOV, A.A.; POLYANSKIY, Yu.I.;
ROZENTAL', D.L.; RUMYANTSEV, P.P.; TITOVA, L.K.; FEDIN, L.A.;
KHEY SIN, Ye.M.; CHERNOGRYADSKAYA, N.A.; TROSHIN, A.S., otv.
red.; MEYSEL', M.N., red.; MIKHAYLOV, V.P., red.; NEYFAKH,
S.A., red.; PARIEOK, V.P., red.; POLYANSKIY, Yu.I., red.;
RAYKOV, I.B., red.

[Manual on cytology in two volumes] Rukovodstvo po tsitologii v
dvukh tomakh. Moskva, Nauka. Vol.1. 1965. 571 p.

(MIRA 18:2)

1. Akademiya nauk SSSR. Institut tsitologii.

POLYANSKIY, Yu.I.; KHEYBIN, Ye.M.

Controversial problems of the development of the Protozoa system. Report No. 1: Division of the Protean type into subtypes; systematics of Plasmadromia, class Mastigophora. Zool. zhur. 43 no.11:1601-1609 '64. (MIRA 18:11)

1. Institut tsitologii AN SSSR, Leningrad.

KHEYINA, S. N.

PAVLOVA, A.T.; SOLOV'YEVA, O.I.; CHERNOVA, V.N.; KHEYINA, S.N.

The diagnostic value of Widal's test in acute dysentery of early childhood. Vop. okhнат.i det. 2 no.3:14-21 My-Je '57. (MIRA 10:7)

1. Iz kafedry mikrobiologii (zav. - prof. V.M.Berman) Leningradskogo pediatricheskogo meditsinskogo instituta i detskoy infektsionnoy bol'niцы imeni K.Iabknekhta.
(DYSENTERY)

RUBINA, Ye.S., KHEYSINA, S.N.

Express method for determining the sensitivity of bacilliform
bacteria to antibiotics [with summary in English]. Antibiotiki
3 no.4:70-73 Jl-Ag '58 (MIRA 11:10)

1. Kafedra mikrobiologii (zav. - prof. V.M. Berman) Leningradskogo
pediatricheskogo meditsinskogo instituta.
(ANTIBIOTICS)
(BACTERIA, EFFECT OF DRUGS ON)

USSR/General Biology - Individual Development.

B-4

Abs Jour : Ref Zhur - Biol., No 8, 1958, 33370

Author : Kheysina, V.I.

* Inst Title : Effect of X-Rays on the Early Period of Embryogenesis.
(Deystvie rentgenovskikh luchey na ranniy period embriogeneza).

Orig Pub : Dokl. AN SSSR, 1956, 110, No 1, 57-60

Abstract : Irradiation of frog eggs 30 minutes after fertilization showed that at low doses (250-1000 r) the cleavage proceeds normally, at high doses (7000 to 25,000 r) it is delayed and proceeds abnormally. Felgen's reaction in nuclei of control eggs is found only beginning with blastomeres of the 12-16th stages, and subsequently an increase of DNA appears. The same manifestation also is observed in eggs irradiated by 250-500 r; at 1000 r Felgen's reaction weakens and at times chromosome

Card 1/2

* Pervyy Leningradsky Nauchesnyy Institut imeni I. P. Pavlova.

KHEYINA, V.I. (Leningrad, P-22, Petropavlovskaya ul., d.8, kv. 13)

Histogenesis of duodenum, in man. Arkh.anat.gist. 1 embr. 34 no.
6:100-102 N-D '57. (MIRA 11:3)

1. Kafedra gistolologii i embriologii (zav.-prof. G.S.Strelin) I
Leningradskogo meditsinskogo instituta im. akad. I.P.Pavlova.
(DUODENUM, embryol.
histogenesis)

KHMYINA, V.I.

Disruption of cellular fission by X rays during the early stages
of the development of a frog. TSitologija 2 no.1:3-8 Ja-J '60.

(MIRA 13:5)

1. Kafedra histologii i embriologii Leningradskogo meditsinskogo
instituta imeni akad. I.P. Pavlova.

(X RAYS--PHYSIOLOGICAL EFFECT) (CHILL DIVISION (BIOLOGY))

ACC NR: AR6022393

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SOURCE CODE: UR/0398/66/000/003/V010/V010

AUTHOR: Kheysin, V. Ye.

TITLE: Static characteristic of the propeller-engine-ship complex

SOURCE: Ref. zh. Vodnyy transport, Abs. 3V74

REF. SOURCE: Tr. Tsentr. n.-i. in-ta morsk. flota, vyp. 62, 1965, 82-88

TOPIC TAGS: shipbuilding engineering, marine engine, propulsion device, cargo ship, ship component, static test

ABSTRACT: The universal characteristic of the propeller-engine-ship complex is presented in the form of two standards, $V = c_1 \cdot n$, and $N_e = c_2 \cdot n^3$, with a pitch ratio correction for the propeller for various drafts of the ship's hull, where V is underway speed for the ship, N_e - engine horsepower, n - propeller shaft rpm, c_1 and c_2 are the coefficients.

$$c_1 = \frac{\lambda_p \cdot D}{0.616(1-w)}$$
$$c_2 = k_2 \cdot \rho \cdot D^4,$$

where D - is propeller diameter, w - the wake factor, λ_p - the advance coefficient, k_2 - the moment coefficient, ρ - the water density. These standards make it possible

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UDC: 629.12.03

ACC NR: AR6022393

to determine ship's speed, horsepower, and propeller shaft rpm with change in displacement for various types of engines, and to find the optimum pitch correction for a constant programmed relationship between fuel supply and propeller pitch. 6 figures. Bibliography of 2 titles. [Translation of abstract]

SUB CODE: 13.

Card 2/2

KHEYSKANEN, K.I.

Some characteristics of the dynamics of the sedimentation in the
Middle and Upper Jatulian basin in central Karelia, Sov. geol. 7
no.12:58-69 D '64. (MIRA 18:4)

1. Institut geologii, Petrosavodsk.

SOKOLOV, V.A.; GALDOBINA, L.P.; RYLEYEV, A.V.; SATSUK, Yu.I.; SVETOV, A.P.;
KHEYSKANEN, K.L.

New volcanic complex in the Proterozoic of Karelia. Dokl. AN SSSR
161 no.38676-678 Mr '65. (MIRA 18:4)

1. Submitted November 19, 1964.

KHEYSSIN, Ye.M.; RAYKOV, I.B.

Cytology of protozoa at the First International Conference on
Protozoology in Prague. TSitologija 4 no.1:93-98 Ja-F '62.
(MIRA 15:4)

(PROTOZOA—CONGRESSES) (CYTOLOGY)

KHEYSTER, I. M.

Trukhanov, A. A., Shershov, S. F., Rozeman, A. S., Kheyster, I. M., Gluzunov, A. A.,
and Gludinskiy, P. G. Participated in a discussion on the "Waste of Metal and
Decreasing the Power Losses in the Electrification System of the USSR"
Moscow Power Engineering Institute imeni Neklotov (MEI,)

SO: Elektrichestvo, No. 5, 1947; (№27801, 14 Sept. 1953)

Kheyster, I.M. PHASE I BOOK EXPLOITATION 471
Zakharov, N.N., Kheyster, I.M., Lapitskiy, V. I., Murav'yev, M.S.,
Demchenko, M.N., Vecherin, Ya. P., Sventitskiy, M.A.

Organizatsiya, planirovaniye i ekonomika vspomogatel'nykh khozyaystv
mashinostroitel'nogo zavoda (Organization, Planning, and
Economics of Auxiliary Services in the Machine Building Plant)
Moscow, Mashgiz, 1957. 328 p. 15,000 copies printed.

Ed. (title page): Satel', E.A.; Ed.(inside book): Sirotin, M.A.,
Engineer; Reviewers: Borisov, G.S., Engineer (Part 1);
Trehov, M.I., Engineer (Part 2); Berman, M.M., Engineer (Part
(Part 3); Malyutin, N.K., Economist (Part 4); Shebalin,
V.M., Engineer; Tech. Ed.: Model', B.I.; Managing Ed. for
Literature on Economics and Organization of Machine Building:
Saksaganskiy, T.D.

PURPOSE: This book is a textbook for undergraduates taking the
"Organization and Planning of Machine-Building Industry" course
in engineering economics institutes, as well as by engineering
personnel of machine-building plants.

Card 1/14

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Organization, Planning, and Economics (Cont.) 471

COVERAGE: This book is one in a series of textbooks prepared by
the "Economics and Organization of the Machine-building
Department" of the Moscow Institute of Engineering Economics,
imeni S. Ordzhonikidze. Part I (Maintenance) is written by
N.N. Zakharov, candidate of technical sciences, docent;
Part II (Power), by I.M. Kheyster, candidate of technical
sciences, docent; Part III (Equipment), by M.S. Murav'yev,
candidate of technical sciences, docent; Part IV (Supply)
by M.N. Demchenko, candidate of technical sciences, docent;
Part V (Transportation) by M.N. Demchenko, Ya. P. Vecherin,
and M.A. Sventitskiy. The following aspects are discussed:
organization, planning, economics of maintenance, power,
equipment, transportation, warehouses, and the question of
supply operations in a machine-building plant.

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